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JM

LSI LOGIC

## FAX COVER SHEET

**LSI LOGIC CORPORATION**  
Office of General Counsel  
1551 McCarthy Boulevard  
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From: Name: Manu Kashyap, Intellectual Property Paralegal  
Corporate Legal Dept.  
Telephone: (408) 433-7475  
Fax: (408) 433-7460  
Re: 10/022,051

Number of Pages Including this Page 16

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**MESSAGE:****US Serial No.: 10/022,051****Filing Date: December 17, 2001****Group Art Unit: 2185****Examiner:****Information Disclosure Statement**

Please notify us immediately if any pages are not received.

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PTO/SB/21 (12/97)  
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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/022,051
		Filing Date	December-17, 2001
		First Named Inventor	Brian Corrigan III
		Group Art Unit	2185
		Examiner Name	
Total number of pages in this submission	15	Attorney Docket Number	01-776

**ENCLOSURES (check all that apply)**

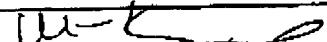
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Paper	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits(s)/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of time request	<input type="checkbox"/> Power of Attorney, Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<b>1. Return address postcard for PTO mailroom to date stamp.</b>
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Individual Name	Sandeep Jaggi, Reg. No. 43,331, Phone: [+1] 408-433-7475	
Signature		
Date	12/15/03	

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: **December 15, 2003**

Typed or printed name	Manu Kashyap, Phone: [+1] 408-433-7475	
Signature		
	Date	12/15/03

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**FEE TRANSMITTAL**

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement. Otherwise large entity fees must be paid. See Forms PTO/SB/09-12 and 37 C.F.R. 1.27 and 1.28.

See 37 C.F.R. 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT** (\$)  
0.00

Complete if Known	
Application Number	10/022,051
Filing Date	December-17, 2001
First Named Inventor	Brian Corrigan III
Group Art Unit	2185
Examiner Name	
Attorney Docket No.	101-776

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account 112-2252

Deposit Account Number LSI LOGIC CORPORATION

 Charge Any Additional Fee required Under 37 Charge the Issue Fee Set in 37 C.F.R. 1.18 at the Mailing of the Notice of

2.  Payment Enclosed:

 Chec  Money Order  Other**FEE CALCULATION****1. BASIC FILING FEE**

Larg eFee Code (S)	Entit yFee Code (S)	Larg eFee Code (S)	Entit yFee Code (S)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional Filing fee	

**SUBTOTAL (1) (\$ 0.00)****2. EXTRA CLAIM FEES**

Extra Claim	Fee from below	Fee Paid
Total claim	20** =	
Independent	-3** =	
Claims		
Multiple Dependent		

\*\* or number previously paid, if greater; For Reissues, see below

Larg eFee Code (S)	Entit yFee Code (S)	Larg eFee Code (S)	Entit yFee Code (S)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent

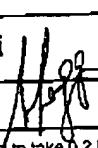
**SUBTOTAL (2) (\$ 0.00)****3. ADDITIONAL FEES**

Larg eFee Code (S)	Entit yFee Code (S)	Larg eFee Code (S)	Entit yFee Code (S)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	60	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing request for reexamination	
112	920*	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	850	217	475	Extension for reply within third month	
118	1,510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavailable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commission	
123	50	123	50	Petitions related to provisional application	
126	240	126	240	Submission of Information Disclosure Stmt	10.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	
148	780	246	395	Filing a submission after final rejection (37 CFR 1.129)	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129 (b))	
Other fee (specify)					
Other fee (specify)					

**SUBTOTAL (3) (\$ 0.00)**

\*Reduced by Basic Filing Fee Paid

**Complete (if applicable)****SUBMITTED BY**

Typed or printed name	Sandeep Jaggi	Reg. Number	43,331
Signature		Date	12/15/03

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

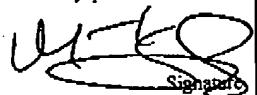
In re Application of :

Brian Corrigan III

Serial No. : 10/022,051Filed : December 17, 2001For : Method and Apparatus For  
Protection of Data Utilizing CRCGroup Art Unit : 2185Examiner :Atty Docket : / 01-776

I hereby certify that this correspondence is being deposited  
with the U.S. Postal Service as First Class Mail in an envelope  
addressed to: Commissioner for Patents, P. O. Box 1450,  
Alexandria, VA 22313-1450, on the date below:

Manu Kashyap

12/15/03  
Date


Signature

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

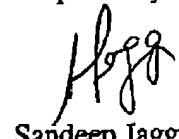
This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation  
1551 McCarthy Blvd., MS D-106  
Milipitas, CA 95035  
408-433-7475

Date: 12/15/03

Respectfully submitted,



Sandeep Jaggi

Reg. No. 43,331